



CHABROS
INTERNATIONAL GROUP
FZCO (DUBAI BRANCH)

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BIRCH PLYWOOD TECHNICAL DATA SHEET

| | | | |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|---------------|
| Product grades | 1. Unfaced birch plywood: - Combination of following face grades B (I), BB (II), CP (III), C (IV). 2. Film faced birch plywood: - grades - I/I, I/II, II/II, III/III. | | |
| Surface type | 1. Unfaced birch plywood: - NS – not sanded; - S2S – sanded 2 sides. 2. Film faced birch plywood: - F/F – smooth film two sides; - F/W- smooth/wiremesh - Different types of film are available | | |
| Glue | Glue based on phenolic resin | | |
| Certificates | 1. Certificate of product compliance ГОСТ P - # POCC RU.AIO31.H10481, 2. Compliance declaration - # 660-AIO31 3. Sanitary certificate - # 77.MY.02.551.П.000031.01.09 4. CE Certificate - # 0809-CPD-0635 5. E-1 Certificate - # VTT-C-4307-21-09 6. CARB Certificate - # SC0442-09 7. FSC Certificate – SW-COC-004899 | | |
| Parameters under control | Physic and mechanical properties (Russian standards) | | |
| | | Required | Actual |
| | Moisture content according to GOST 9621-72, % | 5-10 | 8,1 |
| | Density according to GOST 9621-72, kg/m ³ | - | 696,99 |
| | Static bending strength parallel to the face grain according to GOST 9625-87, MPa | Not less than 25 | 85,7 |
| | Modulus of elasticity in bending panel parallel to the face grain according to GOST 9625-87, MPa | Not less than 7000 | 13736 |
| | Shear strength according to GOST 9624-93, MPa (after boiling for 1 hour) | 1,5 | 2,1 |
| | Formaldehyde emission E1 | Required | Actual |

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|--------------------------------------------------------------------------------------------------------------|--------------------------------------------------|---------------|------|
| | | | |
| Formaldehyde content according to GOST 27678-88 | Up to 8,0 mg per 100g of absolutely dry material | | 3,1 |
| Physic and mechanical properties (European standards) | | | |
| | Required | Actual | |
| Moisture content according to EN 322:1993, % | Not less than 5 | 8,1 | |
| Density according to EN 323:1993 | | 696,99 | |
| Static bending strength parallel and perpendicular to the face grain according to EN 310:1993, MPa | 46,2 | 75,1 | |
| Modulus of elasticity in bending panel parallel and perpendicular to the face grain according to EN 310:1993 | 6750 | 9941 | |
| Transversal strength, MPa according to EN 314:1993 | Not less than 0,2 | 2,1 | |
| Formaldehyde emission E1 | | | |
| Formaldehyde emission according to EN 717-2:1193 | Up to 3,5 mg/m ² *hour | | 0,36 |

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